



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/828,536	04/06/2001	Luca Bolcioni	99-AG-386/GC	4969

23334 7590 07/07/2004

FLEIT, KAIN, GIBBONS, GUTMAN, BONGINI  
& BIANCO P.L.  
ONE BOCA COMMERCE CENTER  
551 NORTHWEST 77TH STREET, SUITE 111  
BOCA RATON, FL 33487

EXAMINER
----------

LE, VU

ART UNIT	PAPER NUMBER
----------	--------------

2613

DATE MAILED: 07/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/828,536

Applicant(s)

BOLCIONI ET AL.

Examiner

Vu Le

Art Unit

2613

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 2.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

**DETAILED ACTION**

***Specification***

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-3, ~~4~~<sup>5</sup>-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Lambert, US 6,421,080.

Re claim 1, Lambert disclose a system for documenting events (fig. 1), said system comprising: a camera for acquiring images and producing a video signal (14); a memory for storing images based on the video signal (20,22,32), the memory including a first volatile memory (20,32) and a second non-volatile memory (22); and a sensor coupled to the memory (34, i.e., trigger event sensor coupled to the memory 20,22,32 via  $\mu$ P 18), wherein the images are stored in the volatile memory, and the sensor activates a transfer of the images from the volatile memory to the non-volatile memory (col. 4, lines 7-51).

Re claim 2, the system as defined in claim 1, wherein before activating the transfer of the images from the volatile memory to the non-volatile memory, the sensor waits a preset time in order to acquire further images in the volatile memory. (See col. 4, line 63 to col. 5, line 3, also fig. 4).

Re claim 3, the system as defined in claim 1, further comprising a digital signal processor that compresses the video signal from the camera before in order to store the image in the memory in a compressed format. (See col. 4, lines 9-17).

Re claim 5, the system as defined in claim 1, further comprising an arithmetic processing unit that certifies the image using a digital signature method. (See col. 4, lines 2-6).

Re claim 6, the system as defined in claim 1, wherein the video signal is a digital signal. (See fig. 1, col. 1 lines 54-63).

Re claims 7-11, these claims are method claims corresponding to the apparatus claims 1-3, and 5-6 above, thus, they have been analyzed and rejected in view of claims 1-3 and 5-6. (See also Abstract, which is evidenced a system and method are disclosed).

Re claims 12-16, these claims directly correspond to claims 1-3 and 5-6 above as being of a form of an integrated circuit. It is noted that Lambert discloses a system that is implemented as a personal computer "PC" (col. 3, lines 44-45). A "PC" is essentially an integrated circuit system. Thus, they have been analyzed and rejected in view of claims 1-3 and 5-6.

Art Unit: 2613

Re claims 17-21, these claims directly correspond to claims 1-3 and 5-6 above as being of a form of a machine-readable medium. It is noted that Lambert discloses a system that is implemented as a personal computer "PC" (col. 3, lines 44-45). A "PC" inherently runs a program (i.e. machine-readable medium) to execute functional steps of the system. Thus, they have been analyzed and rejected in view of claims 1-3 and 5-6.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Lambert, US 6,421,080.

Re claim 4, which recites "The system as defined in claim 3, wherein the digital signal processor compresses the video signal in accordance with recommendation H263 of the ITU-T standard.", Lambert teaches using "suitable" image compression techniques to reduce image data size for temporary storage (col. 3, line 60 to col. 4, line 6). Lambert does not specifically disclose compression in accordance to H.263 as claimed. However, H.263 compression standard is notoriously well known and used in the related art for low bandwidth video data transmission. Therefore, Official Notice is taken that one skilled in the art would have found it obvious to compress image data in accordance to H.263 for the benefit of low bandwidth video data transmission when such application is desirable.

### **Contact**

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vu Le whose telephone number is 703-308-6613. The examiner can normally be reached on M-F 8:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Kelley can be reached on 703-305-4856. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Vu Le  
Primary Examiner  
AU 2613  
(703) 308-6613  
Vu.Le@uspto.gov